

WHAT IS CLAIMED IS:

1 1. A display apparatus having a cathode ray tube bulb which includes a panel displaying a
2 picture thereon, a funnel combined with the panel, and a neck combined with the funnel, said
3 apparatus further comprising:

4 an electron gun unit including an electron gun main body inserted into the neck, and a boss
5 part protruding from the neck at a rear end part of the electron gun main body and having a plurality
6 of pins arranged thereon; and

7 a video unit including a video printed circuit board (PCB) disposed parallel to the axis of the
8 neck, and a boss holder vertically provided on the video PCB and connected to the boss part so as
9 to transmit a video signal from the video PCB to the electron gun unit.

1 2. The display apparatus according to claim 1, wherein the video PCB is horizontally
2 installed under the neck.

1 3. The display apparatus according to claim 1, wherein the boss holder has a plurality of
2 pinholes formed therein for receiving the plurality of pins of the electron gun unit.

1 4. The display apparatus according to claim 1, further comprising a neck fixing holder
2 provided on the video PCB for fastening the neck to the video PCB.

1 5. The display apparatus according to claim 4, wherein the neck fixing holder comprises a
2 pair of ring holders into which the neck is inserted.

1 6. The display apparatus according to claim 5, further comprising connecting means for
2 connecting the ring holders to each other when the neck is inserted into the ring holders.

1 7. A display apparatus, comprising:
2 an electron gun unit including a main body and a boss part protruding from a rear part of the
3 main body, said boss part having a plurality of pins disposed thereon and extending rearwardly
4 therefrom; and

5 a video unit including a video printed circuit board (PCB) and a boss holder vertically
6 disposed on the video PCB for connection to the boss part of the electron gun unit so as to transmit
7 a video signal from the video PCB to the electron gun unit.

1 8. The display apparatus according to claim 7, wherein the boss holder has a plurality of
2 pinholes formed therein for receiving the plurality of pins of the boss part.

1 9. The display apparatus according to claim 7, wherein the electron gun unit is inserted into
2 a neck of a cathode ray tube bulb, and the video PCB is horizontally installed under the neck of the

cathode ray tube bulb.

10. The display apparatus according to claim 9, further comprising a neck fixing holder provided on the video PCB for fastening the neck to the video PCB.

11. The display apparatus according to claim 10, wherein the neck fixing holder comprises a pair of ring holders into which the neck is inserted.

12. The display apparatus according to claim 11, further comprising connecting means for connecting the ring holders to each other when the neck is inserted into the ring holders.